

A. NAME OF AGENDA ITEM

Consideration and approval of new or revised courses and programs.

B. STATEMENT OF ISSUE/PURPOSE

1. Background and Purpose:

Sections 55002, 55130, and 55150 of Title 5 requires the local district governing board approve degree-applicable credit courses, nondegree-applicable credit courses, noncredit courses, community services offerings, and credit and noncredit programs.

The following curriculum changes are proposed for the San Diego Community College District for City College, Mesa College, Miramar College, or Continuing Education:

Architecture

Adoption of five course deactivations at Mesa College. **(Attachment A)**

Art-Digital Media

Adoption of four course deactivations at Miramar College. **(Attachment B)**

Automotive Technology

Adoption of two new courses at Continuing Education. **(Attachment C)**

Banking and Finance

Adoption of two new courses at Miramar College. **(Attachment D)**

Dramatic Arts

Adoption of two course reactivations at Mesa College. **(Attachment E)**

Dramatic Arts

Adoption of six new courses at City College. **(Attachment F)**

Dramatic Arts

Adoption of two course deactivations at City College. **(Attachment G)**

Engineering

Adoption of a course deactivation at City College and Mesa College. **(Attachment H)**

Fire Protection Technology

Adoption of two course deactivations at Miramar College. **(Attachment I)**

Labor Studies

Adoption of two course deactivations at City College. **(Attachment J)**

Personal Growth

Adoption of two course deactivations at City College. **(Attachment K)**

Spanish

Adoption of a new course at Mesa College. **(Attachment L)**

Sustainability

Adoption of two course deactivations at City College. **(Attachment M)**

Architecture

Adoption of three program revisions at Mesa College. **(Attachment N)**

Art

Adoption of three program revisions at Miramar College. **(Attachment O)**

Automotive Technology

Adoption of a new program at Continuing Education. **(Attachment P)**

Behavioral Sciences

Adoption of two program revisions at City College. **(Attachment Q)**

Biology

Adoption of a program deactivation at City College. **(Attachment R)**

Business Management

Adoption of three program deactivations at Miramar College.

(Attachment S)

Business Management

Adoption of two program revisions at Miramar College. **(Attachment T)**

Business Studies

Adoption of two program revisions at City College. **(Attachment U)**

Communications

Adoption of five program deactivations at City College. **(Attachment V)**

Communications

Adoption of a program revision at City College. **(Attachment W)**

Computer Business Technology

Adoption of three program deactivations at City College. **(Attachment X)**

Computer Business Technology

Adoption of a program revision at City College. **(Attachment Y)**

Diesel Technology

Adoption of a program revision at Miramar College. **(Attachment Z)**

Geographic Information Systems

Adoption of a program revision at Mesa College. **(Attachment AA)**

Interior Design

Adoption of two program revisions at Mesa College. **(Attachment BB)**

Labor Studies

Adoption of a program deactivation at City College. **(Attachment CC)**

Labor Studies

Adoption of two program revisions at City College. **(Attachment DD)**

Liberal Arts and Sciences

Adoption of a program revision at Mesa College. **(Attachment EE)**

Liberal Arts and Sciences

Adoption of a program revision at City College. **(Attachment FF)**

2. Cost and Funding:

There is no additional cost to the District.

C. PROPOSAL

The Board of Trustees hereby grants authority to take the action outlined in Part A.

ACTION

Adoption of five course deactivations at Mesa College.

Proposed course deactivations at Mesa College:

106 Advanced Computer Aided Drafting I
32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Grade Only

Prerequisite: Architecture 105 with a grade of "C" or better, or equivalent.

This course is designed for students who wish to develop computer aided drafting and design skills, using the AutoCAD program, for use in Architectural, Construction, and Interior Design programs. This course is a continuation of Architecture 105 designed for students who wish to develop advanced 3D computer aided drafting (CAD) skills. This course expands the foundation developed in Architecture 105 and deals with more complex aspects of the CAD program and its use in the development of architectural construction documents. (FT) Associate Degree Credit & transfer to CSU.

111 Architectural Production Detailing
24 - 27 hours lecture, 120 - 135 hours lab, 4 units
Grade Only

Prerequisite: Architecture 100 with a grade of "C" or better, or equivalent.

Corequisite: Completion of or concurrent enrollment in Architecture 130 with a grade of "C" or better, or equivalent.

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

Limitation on Enrollment: This course is not open to students with previous credit for both Architecture 110 and Architecture 150.

This course presents methods of construction and drafting practices as applied to architectural construction documents. Students use and apply reference materials and building codes to develop architectural contract documents that include foundation plans and details for light wood frame and masonry structures. This course is designed for architecture and building construction technology students. (FT) Associate Degree Credit & transfer to CSU.

155 Environmental Design I: Creating Exterior Spaces
48 - 54 hours lecture, 96 - 108 hours lab, 5 units
Grade Only

Advisory: Architecture 100 with a grade of "C" or better, or equivalent.

This course is an introduction to environmental design based on aesthetics and functions in the landscape. Emphasis is placed on the basic principles of design, including color theory and site planning. Students create concept drawings, models and color plans. This course is designed for students and professionals interested in garden design, landscape architecture, architecture and related fields. (FT) Associate Degree Credit & transfer to CSU.

190 Environmental Design II: Urban and Community Design
48 - 54 hours lecture, 96 - 108 hours lab, 5 units
Grade Only

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Architecture 155 with a grade of "C" or better, or equivalent. This course is a study of the basic principles of design, composition and design process in the creation of urban and community spaces. Emphasis is placed on involving students in real design projects within the community and developing business communication skills. Participation in job shadowing with an industry professional is required. This course is designed for any student interested in environmental design. (FT) Associate Degree Credit & transfer to CSU.

200 Architectural Detailing

**24 - 27 hours lecture, 120 - 135 hours lab, 4 units
Grade Only**

Prerequisite: Architecture 100 and Architecture 130, each with a grade of "C" or better, or equivalent.

Advisory: Architecture 111 with a grade of "C" or better, or equivalent; Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30.

This course presents methods of construction and drafting practices as applied to architectural construction documents. Students use and apply reference materials and building codes to develop architectural contract documents that include fireplace, door, window, cabinet, and wood stair details for light wood frame and masonry structures. This course is designed for architecture and building construction technology students. (FT) Associate Degree Credit & transfer to CSU.

Art-Digital Media

ACTION

Adoption of four course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

160A Vector Art 01: Illustration Tools

**12 - 13.5 hours lecture, 36 - 40.5 hours lab, 1.5 units
Grade Only**

Advisory: English 48, English 49, and Mathematics 38, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5, W5, and M30; Art-Fine Art 150B with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Art-Digital Media 160.

This course develops the linked skills of visualizing images as systems of shapes and the computerized techniques for creating those shapes. Students use Adobe Illustrator to create typography, information graphics, logos, and other computer-aided graphics. Students also train in efficient creation and manipulation of Bézier objects using pointer and keyboard-driven techniques to build images with the unique capabilities of vector graphics for pattern, precision, and relationships. This course in combination with ARTD 170A provides a comprehensive overview of computer imaging technology. This course is intended for students majoring in Graphics or anyone interested in the field of graphics. (FT) Associate Degree Credit & transfer to CSU.

160B Vector Art 01: Illustration Tasks

**12 - 13.5 hours lecture, 36 - 40.5 hours lab, 1.5 units
Grade Only**

Advisory: English 48, English 49, and Mathematics 38, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5, W5, and M30; Art-Fine Art 150A and Art-Fine Art 150B, each with a grade of "C" or better, or equivalent.

Advisory: Completion of or concurrent enrollment in Digital Media 160A with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Art-Digital Media 160.

This course further develops the skills introduced in ARTD 160A. Students use Adobe Illustrator to produce information graphics such as maps, charts, diagrams, and signs; text illustration; and symbols such as icons, logos, and glyphs. Students also repurpose vector graphics for a variety of practical applications in print and screen media for publication, promotion, web, sign and display, packaging, imprinted goods, and business communications. This course is intended for students majoring in Graphics or anyone interested in the field of graphics, business, or art. (FT) Associate Degree Credit & transfer to CSU.

Art-Digital Media

170A Raster Art 01A: Image Editing Tools

**12 - 13.5 hours lecture, 36 - 40.5 hours lab, 1.5 units
Grade Only**

Advisory: English 48, English 49, and Mathematics 38, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5, W5, and M30; Art-Fine Art 150B with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Art-Digital Media 170.

This course introduces students to the production processes for creating and editing raster graphics, primarily using Photoshop. Students learn the computer program, eye-hand skills, and workflows used to edit and repurpose images for various screen and print jobs in promotional and informational publications, web applications, sign and display, packaging, imprinted goods, and business communications. This course is intended for students majoring in Graphics or those seeking a foundation in digital photographic editing. (FT) Associate Degree Credit & transfer to CSU.

170B Raster Art 01B: Image Editing Tasks

**12 - 13.5 hours lecture, 36 - 40.5 hours lab, 1.5 units
Grade Only**

Advisory: English 48, English 49, and Mathematics 38, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5, W5, and M30; Art-Fine Art 150A and Art-Fine Art 150B, each with a grade of "C" or better, or equivalent.

Advisory: Completion of or concurrent enrollment in Digital Media 170A with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Art-Digital Media 170.

This course further develops the skills introduced in ARTD 170A for creating and editing raster graphics primarily using Photoshop. Students focus on the application of computer graphics tools to screen and print jobs in promotional and informational publications, web applications, sign and display, packaging, imprinted goods, and business communications. This course is intended for students majoring in Graphics or those seeking enhancement of digital photographic editing skills. (FT) Associate Degree Credit & transfer to CSU.

Automotive Technology

ACTION

Adoption of two new courses at Continuing Education.

Proposed new courses at Continuing Education:

508 SERVICE ADVISOR I

Advisory: Valid California Driver's License required to operate vehicles in class and for employment.

This course provides the student with the basic automotive technology knowledge and skills required for employment as a service advisor for both small and large independent garages and dealerships. Students will learn the different automotive parts, components, major assemblies, vehicle systems and how they function and the required maintenance. Topics also include safety, work ethics, service facilities and federal, state and local laws as they apply to the automotive industry. (FT)

508A SERVICE ADVISOR II

Advisory: Valid California Driver's License required to operate vehicles in class and for employment.

This course provides the student with the skills required for employment as a service advisor. Students will learn about customer service, writing an initial repair order estimating parts and labor costs and how to revise repair estimates in accordance with California State law. Topics also include communications, customer relations, manufacture warranty policies and procedures, returning the vehicle to the customer and follow-up. (FT)

ACTION

Adoption of two new courses at Miramar College.

Proposed new courses at Miramar College:

100 Introduction to Financial Services

**48 - 54 hours lecture, 3 units
Grade Only**

Advisory: Mathematics 38 with a grade of "C" or better, or equivalent or Assessment Skill Level M30. This course is an overview of the fundamental role and function of financial services and the financial services industry. Topics include commercial and investment banking; insurance; mutual funds; money, financial, bond, stock, mortgage, and foreign exchange markets; financial institutions; the deposit and payment functions; the Federal Reserve System; and financial regulatory functions. This course is intended for students majoring in Financial Services or Business or anyone interested in the financial services industry. (FT) Associate Degree Credit & transfer to CSU.

103 Introduction to Investments

**48 - 54 hours lecture, 3 units
Letter Grade or Pass/No Pass Option**

Advisory: Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50, and Business 120 with a grade of "C" or better, or equivalent. This course presents basic investment concepts such as investment markets, transactions, planning, information, risk, and return. Other topics include the role and scope of various investment vehicles, including common stock, fixed-income securities, derivative securities, and mutual funds. This course is intended for students majoring in Financial Services or Business or anyone interested in investments. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two course reactivations at Mesa College.

Proposed course reactivations at Mesa College:

127 Sound For Theatre

16 - 18 hours lecture, 48 - 54 hours lab, 2 units

Letter Grade or Pass/No Pass Option

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50.

This course is an introduction to the basic principles of audio production and the craft of sound design. Topics include technique, theory and procedures necessary to develop sound, music and effects integrated into theatre productions. This course is intended for the transfer student planning a major in Dramatic Arts, desiring competency in technical theatre or those interested in developing a deeper understanding of sound design. (FT) Associate Degree Credit & transfer to CSU.

128 Stage Lighting Design

48 - 54 hours lecture, 3 units

Letter Grade or Pass/No Pass Option

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5; Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50.

This course is an introduction to the principles and practice of stage and film lighting design. Emphasis is placed on the operation of basic lighting equipment, design, and digital drafting techniques. Technical preparation for other forms of production, such as outdoors, television and movies is included. This course is intended for transfer students planning a major in Dramatic Arts or desiring competency in technical theater. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of six new courses at City College.

Proposed new courses at City College:

144A Beginning Special Effects Makeup for Stage and Film

**24 - 27 hours lecture, 72 - 81 hours lab, 3 units
Letter Grade or Pass/No Pass Option**

Advisory: Dramatic Arts 124 with a grade of "C" or better, or equivalent.

This introductory course focuses on human character development with an emphasis on the fundamental elements of prosthetic application and special effects (FX) makeup. Students develop the lab skills and application techniques of professional makeup artists while using traditional makeup, as well as new materials and tools. Students learn how to cast, mold and apply simulated injuries, age makeup, bald caps and facial hair, wigs and facial prosthetics. Students learn how to effectively incorporate costume pieces and props into their overall makeup design. This course is intended for theatre majors, cosmetology students or anyone interested in earning a certificate in special effects makeup. (FT) Associate Degree Credit & transfer to CSU.

144B Intermediate Special Effects Makeup for Stage and Film

**24 - 27 hours lecture, 72 - 81 hours lab, 3 units
Letter Grade or Pass/No Pass Option**

Prerequisite: Dramatic Arts 144A with a grade of "C" or better, or equivalent.

Advisory: Dramatic Arts 124 with a grade of "C" or better, or equivalent.

This course focuses on the intermediate skills and development necessary for the construction of Special Effects (FX) creature design. Students conceptualize, design, build and apply facial prosthetics for FX creatures. Students develop intermediate lab skills and application techniques for professional makeup artists while using traditional makeup, as well as new materials and tools. Students learn how to effectively incorporate costume pieces and props into their overall creature design. This course is intended for theatre majors, cosmetology students or anyone interested in earning a certificate in special effects makeup. (FT) Associate Degree Credit & transfer to CSU.

**145A Introduction to Theatrical Glamour:
Promotional Events**

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Letter Grade or Pass/No Pass Option**

Advisory: Dramatic Arts 124 with a grade of "C" or better, or equivalent.

This beginning course focuses on theatrical approaches to glamour makeup. Students explore makeup techniques used to heighten the impact of glamour makeup for film, stage and promotional events. Students examine the process of creating themes used in developing theatrical glamour concepts. Using period makeup, cultural makeup, airbrushing, prosthetic transfers, masks and costumes students create their own theatrical glamour projects. This course is intended for theatre majors, cosmetology students or anyone interested in earning a certificate in special effects makeup. (FT) Associate Degree Credit & transfer to CSU.

**146A Beginning Special Effects Makeup
Practicum: Character**

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Letter Grade or Pass/No Pass Option**

Advisory: Dramatic Arts 124 with a grade of "C" or better, or equivalent.

This introductory practicum provides students hands-on experience in special effects (FX) makeup for stage, film and events. Students identify and prepare theatrical human characters for an identified event on campus or in the community. Students learn the fundamental business practices of the FX makeup artist including pre-planning, set-up, on-site service and cleanup. This course is for students earning a certificate in FX makeup, theatre majors, cosmetology students or anyone with an interest in the practicing FX makeup. (FT) Associate Degree Credit & transfer to CSU.

**146B Intermediate FX Makeup Practicum:
Creature**

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Letter Grade or Pass/No Pass Option**

Prerequisite: Dramatic Arts 146A with a grade of "C" or better, or equivalent.

Advisory: Dramatic Arts 124 with a grade of "C" or better, or equivalent.

This intermediate special effects (FX) practicum provides students with hands-on experience at an intermediate level special effects makeup for stage, film, television, and events. Students develop and execute creatures for an identified performance/event on campus or in the community. Students develop a working knowledge the freelance business practices of the FX makeup artist. This course is for students earning a certificate in FX makeup, theatre majors, cosmetology students or anyone with an interest in the practicing FX makeup. (FT) Associate Degree Credit & transfer to CSU.

**146C Introduction to Theatrical Glamour
Practicum: Promotional Events**

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Grade Only**

Prerequisite: Dramatic Arts 146B with a grade of "C" or better, or equivalent.

Advisory: Dramatic Arts 124 with a grade of "C" or better, or equivalent.

This introductory practicum provides students hands-on experience in theatrical glamour makeup stage for promotional events. Students work with client to create and execute theatrical glamour for promotional events. Interfacing directly with the client, students develop a business plan for event, from developing overall concepts for event, to social media execution and final execution of makeup at events. This course is intended for theatre majors, cosmetology students or anyone interested in earning a certificate in special effects makeup. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College:

172 Beginning Musical Theatre Audition

**16 - 18 hours lecture, 48 - 54 hours lab, 2 units
Letter Grade or Pass/No Pass Option**

Advisory: English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Level R5 and W5.

This course explores the role of the singing actor, including characterization and performance. Emphasis is placed on the functions of music, lyrics and script as integrated into one dramatic effort. Course content includes an introduction to the process of auditioning for musical theater within a professional context. Students are required to participate in in-class auditions and encouraged to attend auditions in the community. This course is designed for drama majors and anyone interested in musical theatre performance. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.

173 Intermediate Musical Theatre Workshop

**16 - 18 hours lecture, 48 - 54 hours lab, 2 units
Letter Grade or Pass/No Pass Option**

Prerequisite: Dramatic Arts 172 with a grade of "C" or better, or equivalent.

This course explores song interpretation for musical theatre. Emphasis is placed on musical theatre performance, movement and emotional discovery through script and scene analysis. Students are required to participate in in-class auditions and encouraged to attend auditions in the community. This course is designed for drama majors and anyone interested in musical theatre performance. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of a course deactivation at City College and Mesa College.

Proposed course deactivation at City College and Mesa College:

116 Computational Methods in Engineering

**32 - 36 hours lecture, 48 - 54 hours lab, 3 units
Grade Only**

Corequisite: Completion of or concurrent enrollment in Mathematics 151 with a grade of "C" or better, or equivalent.

This course introduces students to computational methods and their applications to computer-based problem solving for engineers. Students formulate and solve engineering problems through modeling and the application of numerical methods, then evaluate and rationalize the results using computational engineering software. Topics include functions and arrays, data and file management, and standard library packages and software. This course is designed for students majoring in engineering. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.

Fire Protection Technology

ACTION

Adoption of two course deactivations at Miramar College.

Proposed course deactivations at Miramar College:

121 Vertical Rescue

**16 - 18 hours lecture, 24 - 27 hours lab, 1.5 units
Grade Only**

Prerequisite: Fire Protection Technology 150A and Fire Protection Technology 150B, each with a grade of "C" or better, or equivalent.

Advisory: English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

Limitation on Enrollment: This course is not open to students with previous credit for Fire Technology 121.

This course offers advanced training in making vertical rescues. Students learn about current methods of rappelling, cliff rescue, raising and lowering victims, and high-rise rope rescue. Students practice at various locations within the community. This course is intended for students majoring in Open Water Lifeguarding and for current or future emergency services personnel. (FT) Associate Degree Credit & transfer to CSU.

150C Introduction to Fire Suppression and Maintenance Manipulative Tasks (Advanced)

**72 - 81 hours lab, 1.5 units
Grade Only**

Prerequisite: Fire Protection Technology 150B with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with previous credit for Fire Technology 100C or Fire Protection Technology 100C.

This course provides advanced instruction in the operation and maintenance of fire service equipment. Topics include extinguishers and protective equipment, hose, nozzles, fittings, hose evolutions, fire service ladders, and salvage and overhaul procedures. This course is designed at an advanced level to facilitate students' qualification for the manipulative training portion of Firefighter I as specified by the California Fire Service Training and Education Division of the State Fire Marshal's Office. This course is intended for students majoring in the field of fire technology or those interested in a career in the fire service. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College:

124 California Labor Law

**16 - 18 hours lecture, 1 units
Letter Grade or Pass/No Pass Option**

Advisory: English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course provides a basic knowledge of the California Labor Code and Wage Orders and the Industrial Welfare Commission. Examples of the uses of Labor Code and Employment Laws are studied. Students learn to apply their knowledge of the laws-- how they are violated and how they are enforced--to case studies as well as to their current or past workplace experiences. This course is designed for students who are employees and/or union members, as well as workers who are in leadership roles or are preparing for leadership positions in their workplace or unions. (FT) Associate Degree Credit & transfer to CSU.

127 Labor Law for the Public Sector

**16 - 18 hours lecture, 1 units
Letter Grade or Pass/No Pass Option**

Advisory: English 48 and English 49, each with a grade of "C" or better, or equivalent or Assessment Skill Levels R5 and W5.

This course covers legal issues affecting public employee relations on the federal, state, and local levels, including development of public sector unionism, recent collective bargaining legislation, and dispute resolution in the public sector. This course is designed for students who are public sector employees and/or union members, and workers who are in leadership roles or are preparing for leadership positions in their workplace or unions. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College:

25 Student Government

**16 - 18 hours lecture, 48 - 54 hours lab, 2 units
Letter Grade or Pass/No Pass Option**

Limitation on Enrollment: This course is not open to students with previous credit for Speech 126A, Speech 126B, or Speech 126C.

The fundamentals of Student Government with emphasis on technique or democratic action among groups. Actual practice in various phases of Student Government will be provided. (FT) Associate Degree Credit only and not Transferable.

127 College Success Skills

**48 - 54 hours lecture, 3 units
Letter Grade or Pass/No Pass Option**

Advisory: English 48 with a grade of "C" or better, or equivalent or Assessment Skill Level R5.

Advisory: Completion of or concurrent enrollment in English 49 with a grade of "C" or better, or equivalent or Assessment Skill Level W5.

This course provides students with skills and knowledge necessary to reach their educational objectives. Critical thinking skills are interwoven throughout the course. Topics include motivation and attitudes, time management, memorization techniques, career planning, learning styles, understanding of diversity, stress management, creative thinking, interpersonal communication, technology, and personal health. Developmental psychology, learning, and personality theories serve as a foundation for this course. This course is recommended for new or re-entry students and others who can benefit. (FT) Associate Degree Credit & transfer to CSU. UC Transfer Course List.

ACTION

Adoption of a new course at Mesa College.

Proposed new course at Mesa College:

125 Spanish for Health Care Professionals I
48 - 54 hours lecture, 3 units
Letter Grade or Pass/No Pass Option

Prerequisite: Spanish 101 with a grade of "C" or better, or equivalent or equivalent or two years of high school Spanish with a grade of 'C' or better, or equivalent.

Advisory: English 43 with a grade of "C" or better, or equivalent or Assessment Skill Level W4.

This Spanish course develops comprehension and fluency and introduces medical terminology and content at the novice-high level through culturally and medically relevant materials. Students acquire the specialized vocabulary needed in medical professions, dramatize professional medical interactions, and develop the grammatical and cultural competency needed to succeed as health professionals. Culturally sensitive oral communication is emphasized and context-specific grammatical structures particular to the health profession introduced. This course is intended for students preparing to work in the medical and health fields. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of two course deactivations at City College.

Proposed course deactivations at City College:

103 Ecological Commerce

**48 - 54 hours lecture, 3 units
Grade Only**

Corequisite: Completion of or concurrent enrollment in Sustainability 101 with a grade of "C" or better, or equivalent.

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Levels R6 and W6. This course examines sustainable business practices and their environmental, ethical, and economic impact. Students evaluate green business models to determine the effectiveness and assess the limitation of the model. Topics include ecological economics, business accountability, resource consumption and how to "green" a business. This course is intended for students interested in Sustainability, Business, Environmental Ethics and Peace Studies. (FT) Associate Degree Credit & transfer to CSU.

250 Field Experience In Sustainability

**16 - 54 hours lecture, 32 - 108 hours other, 1-3
units
Grade Only**

Prerequisite: Sustainability 101 with a grade of "C" or better, or equivalent.

Advisory: English 101 with a grade of "C" or better, or equivalent or Assessment Skill Level R6 and W6. Students in this course develop and implement field experience projects under the supervision of college faculty. In cooperation with the staff of community organizations and agencies, students design these projects to assist the college's neighborhood communities. Students gain hands-on experience in project planning, development, implementation and evaluation. Students meet regularly with faculty and peers to receive feedback, support and guidance in their community projects. This course is intended for students interested in Sustainability. (FT) Associate Degree Credit & transfer to CSU.

ACTION

Adoption of three program revisions at Mesa College.

Proposed program revisions at Mesa College:

**Associate of Science
Architecture Design**

Courses Required for the Major:	Units
ARCH 100 Graphic Design Communication	
I	2
ARCH 101 Introduction to ArchiCAD	3
ARCH 105 Introduction to AutoCAD	2
<u>ARCH 104 Introduction to Architecture and</u>	
<u>Environmental Design.....</u>	<u>2</u>
ARCH 126 History of Ancient World	
Architecture or	
ARCH 127 History of World Architecture:	
Renaissance Through Contemporary	3
ARCH 170 Architectural Design	4
ARCH 172 Architectural Design II	4
<u>ARCH 173 Environmental Design: Urban and</u>	
<u>Community Site Design</u>	<u>4</u>
ARCH 175 Advanced Architectural Design I ...	5
ARCH 180A Advanced Architectural	
Design IIA	5
ARCH 220 Graphic Design Communication	
II.....	2
ARCH 221 Graphic Design Communication	
III	2
ARCH 226 Architectural Theory	3
<u>ARCH 231 Sustainability in the Built</u>	
<u>Environment</u>	<u>4</u>
Total Units= 35 40	

**Associate of Science
Architecture Technician**

Courses Required for the Major:	Units
ARCH 100 Graphic Design Communication	
I	2
<u>ARCH 101 ArchiCAD</u>	<u>3</u>
<u>ARCH 104 Introduction to Architecture and</u>	
<u>Environmental Design.....</u>	<u>2</u>
ARCH 107 Revit	3
ARCH 112 AutoCAD	3
ARCH 115 Architectural Model Making	2
ARCH 105 Introduction to AutoCAD	2
ARCH 106 Advanced Computer Aided Drafting	
I	3
ARCH 111 Architectural Production	
Detailing	4
ARCH 126 History of Ancient World	
Architecture or	
ARCH 127 History of World Architecture:	
Renaissance Through Contemporary	3
ARCH 130 Materials of Construction	3
<u>ARCH 141 Architectural Construction</u>	
<u>Documents</u>	<u>4</u>
<u>ARCH 251 Site Design, Topography and</u>	
<u>Grading</u>	<u>3</u>
ARCH 200 Architectural Detailing	4
ARCH 205 Estimating	3
ARCH 250 Site Design, Topography and	
Grading	4
Total Units= 28 25	

**Associate of Science
Construction Management**

Courses Required for the Major:	Units
ARCH 100 Graphic Design Communication I	2
ARCH 105 Introduction to AutoCAD	2
ARCH 111 Architectural Production Detailing	4
<u>ARCH 112 AutoCAD</u>	<u>3</u>
ARCH 130 Materials of Construction	3
<u>ARCH 141 Architectural Construction Documents</u>	<u>4</u>
ARCH 205 Estimating	3
BLDC 075 Construction Management I.....	3
BLDC 080 Construction Project Management and Scheduling	3
BLDC 070 Building Codes and Zoning	3
BLDC 068 Electrical, Plumbing and Mechanical Codes	3
BLDC 095 Building Contractor's License Law	3

Total Units=~~29~~ 30

ACTION

Adoption of three program revisions at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Performance
Graphics–Visual Production**

Courses Required for the Major:	Units
<u>ARTD 050 Beginning Graphics, Communicating With Computers</u>	3
<u>GRFX 050 Beginning Graphics, Communicating With Computers or</u>	
<u>ARTF 150B Beginning Graphic Design</u>	3
<u>ARTD 160 Vector Art 01: Illustration</u>	3
<u>ARTD 170 Raster Art 01: Image Editing</u>	3
<u>ARTD 181 Projects 01: Multi-modal</u>	
<u>Productions</u>	3
<u>GRFX 160 Vector Art 01: Illustration</u>	3
<u>GRFX 170 Raster Art 01: Image Editing</u>	3
<u>GRFX 181 Projects 01: Multi-modal</u>	
<u>Productions</u>	3
<u>ARTG 106 Typography</u>	3

Total Units=15

Certificate of Achievement Graphics

Courses Required for the Major:	Units
ARTF 150A Two-Dimensional Design.....	3
ARTD 050 Beginning Graphics, Communicating With Computers or	
<u>GRFX 050 Beginning Graphics, Communicating With Computers or</u>	
ARTF 150B Beginning Graphic Design.....	3
ARTF 155A Freehand Drawing I.....	3
ARTD 158 Survey of Graphics Technology or	
<u>GRFX 158 Survey of Graphics Technology or</u>	
ARTG 118 Graphic Design History	3
ARTD 160 Vector Art 01: Illustration or	
ARTD 160A Vector Art 01: Illustration Tools and	
ARTD 160B Vector Art 01: Illustration Tasks	1.5
ARTD 170 Raster Art 01: Image Editing or	
ARTD 170A Raster Art 01A: Image Editing Tools and	
ARTD 170B Raster Art 01B: Image Editing Tasks	1.5
ARTD 180 Composition 01: Page Building Tools or	
<u>GRFX 160 Vector Art 01: Illustration.....</u>	<u>3</u>
<u>GRFX 170 Raster Art 01: Image Editing</u>	<u>3</u>
<u>GRFX 180 Composition 01: Page Building Tools or</u>	
ARTG 126 Intermediate Digital Media.....	3
<u>GRFX 181 Projects 01: Multi-modal Productions</u>	<u>3</u>
ARTD 181 Projects 01: Multi modal Productions	3
ARTG 106 Typography.....	3

Complete 6 units from the following list of elective courses:	Units
ARTD 190 Ethical Business Practices for Creative Services.....	3
ARTD 192 Graphic Business Promotion: Creative Services Career Management.....	3
<u>GRFX 190 Ethical Business Practices for Creative Services.....</u>	<u>3</u>
<u>GRFX 192 Graphic Business Promotion: Creative Services Career Management.....</u>	<u>3</u>
ARTF 155B Freehand Drawing II	3
ARTF 198A Introduction to Printmaking I	3
ARTF 280D Digital Art Studio Lab	1
ARTG 133 Intermediate Graphic Design II (Identity Systems and Packaging)	3
ARTG 270 Work Experience in Graphic Design	1- 4
ARTG 290 Independent Study in Graphic Design	1- 3
BUSE 100 Introduction to Business.....	3
BUSE 119 Business Communications.....	3

Total Units=33

Associate of Arts Graphics

Courses Required for the Major:	Units
ARTF 150A Two-Dimensional Design.....	3
ARTD 050 Beginning Graphics, Communicating With Computers.....	3
<u>GRFX 050 Beginning Graphics, Communicating With Computers or</u>	
ARTF 150B Beginning Graphic Design.....	3
ARTF 155A Freehand Drawing I.....	3
ARTD 158 Survey of Graphics Technology.....	3
<u>GRFX 158 Survey of Graphics Technology or</u>	
ARTG 118 Graphic Design History.....	3
ARTD 160 Vector Art 01: Illustration.....	3
or	
ARTD 160A Vector Art 01: Illustration Tools and	
ARTD 160B Vector Art 01: Illustration Tasks.....	1.5
ARTD 170 Raster Art 01: Image Editing.....	3
or	
ARTD 170A Raster Art 01A: Image Editing Tools and	
ARTD 170B Raster Art 01B: Image Editing Tasks.....	1.5
ARTD 180 Composition 01: Page Building Tools.....	3
<u>GRFX 160 Vector Art 01: Illustration.....</u>	<u>3</u>
<u>GRFX 170 Raster Art 01: Image Editing.....</u>	<u>3</u>
<u>GRFX 180.....Composition 01: Page Building Tools or</u>	
ARTG 126 Intermediate Digital Media.....	3
ARTD 181 Projects 01: Multi-modal Productions.....	3
<u>GRFX 181 Projects 01: Multi-modal Productions.....</u>	<u>3</u>
ARTG 106 Typography.....	3

Complete 6 units from the following list of elective courses.	Units
ARTD 190 Ethical Business Practices for Creative Services.....	3
ARTD 192 Graphic Business Promotion: Creative Services Career Management.....	3
<u>GRFX 190 Ethical Business Practices for Creative Services.....</u>	<u>3</u>
<u>GRFX 192 Graphic Business Promotion: Creative Services Career Management.....</u>	<u>3</u>
ARTF 155B Freehand Drawing I.....	3
ARTF 198A Introduction to Printmaking I.....	3
ARTF 280D Digital Art Studio Lab.....	1
ARTG 133 Intermediate Graphic Design II (Identity Systems and Packaging).....	3
ARTG 270 Work Experience in Graphic Design.....	1- 4
ARTG 290 Independent Study in Graphic Design.....	1- 3
BUSE 100 Introduction to Business.....	3
BUSE 119 Business Communications.....	3

Total Units=33

Automotive Technology

Pursuant to Section 78016 of the Education Code, the following is a program review summary:

Certificate of Completion Service Advisor Program

- A. Labor Market Information¹: The annual average number of persons employed in the Service Advisor program area was 2,770 in the 2016 employment year. Approximately 209 new job openings are projected through 2016.
- B. Duplication²: None.
- C. Effectiveness³: Program area OR the projected enrollment of 60 for the 2016-2017 year in the new program area.

1. Labor Market Information; Employment Development Department, California.
2. Web; Institution's Class Schedules and Catalogs.
3. Current Enrollment Data and Program Chair Career Technical Education, Continuing Education.

ACTION

Adoption of a new program at Continuing Education.

Proposed new program at Continuing Education:

Certificate of Completion Service Advisor Program

The Service Advisor Program provides students with the knowledge and skills for employment as a service advisor for both small and large independent garages and dealerships. The program provides the student with a basic understanding of vehicle systems, functions, service requirements and parts including original equipment manufacturing and aftermarket parts identification. Students will learn about facilities, safety measures, ethical behavior and agencies that protect the environment and the work site. Topics include the overall role of the service advisor, the team approach, communications, ethics, customer service, building customer relations and employment opportunities in the automotive industry. Training will include how to write a repair order, estimating parts and labor costs, warranties, vehicle and customer records, internal communications and customer follow-up. Students who successfully complete the program can use the skills learned in a variety of jobs in the automotive industry including assistant service manager, cost estimator, automotive parts sales, service and sales representative and service station technician. This program serves as foundation for additional training in automotive technology certificate programs and an associate

degree in Automotive Technology at a community college.

The following courses must be taken to complete the program:

AUTO 508 Service Advisor I
AUTO 508A Service Advisor II

ACTION

Adoption of two program revisions at City College.

Proposed program revisions at City College:

**Associate of Arts
Sociology**

Courses Required for the Major:	Units
SOCO 101 Principles of Sociology	3
SOCO 110 Contemporary Social Problems.....	3
PSYC 258 Behavioral Science Statistics or	
MATH 119 Elementary Statistics.....	3
<u>SOCO 201 Advanced Principles of Sociology ...</u>	<u>3</u>
<u>SOCO 220 Introduction to Research Methods</u>	
<u>in Sociology</u>	<u>3</u>

Select two courses from the following:	Units
<u>SOCO 125 Sociology of the Family</u>	<u>3</u>
<u>SOCO 145 Health and Society</u>	<u>3</u>
<u>SOCO 150 Sociology of Latinos/Latinas</u>	<u>3</u>
<u>SOCO 223 Globalization and Social Change</u>	<u>3</u>
<u>GEND 101 Introduction to Gender Studies.....</u>	<u>3</u>

Total Units=~~18~~ 21

**Associate in Arts for Transfer
Sociology**

Courses Required for the Major:	Units
SOCO 101 Principles of Sociology	3
<u>SOCO 110 Contemporary Social Problems.....</u>	<u>3</u>
<u>PSYC 258 Behavioral Science Statistics.....</u>	<u>3</u>
<u>SOCO 220 Introduction to Research Methods in Sociology</u>	<u>3</u>
<u>SOCO 125 Sociology of the Family or</u>	
<u>GEND 101 Introduction to Gender Studies or</u>	
<u>SOCO 201 Advanced Principles of Sociology ...</u>	<u>3</u>

Select one course not selected above from the following (3 units):

	Units
<u>GEND 101 Introduction to Gender Studies.....</u>	<u>3</u>
<u>SOCO 125 Sociology of the Family.....</u>	<u>3</u>
<u>SOCO 145 Health and Society</u>	<u>3</u>
<u>SOCO 150 Sociology of Latinos/Latinas</u>	<u>3</u>
<u>SOCO 201 Advanced Principles of Sociology ...</u>	<u>3</u>
<u>SOCO 223 Globalization and Social Change</u>	<u>3</u>

Select two of the following courses:

	Units
SOCO 110 Contemporary Social Problems.....	3
SOCO 220 Introduction to Research Methods in Sociology	3
PSYC 258 Behavioral Science Statistics or	
MATH 119 Elementary Statistics.....	3

It is recommended that students select courses that meet lower division major preparation requirements for their transfer university.

Select two of the following courses if not selected above:

	Units
SOCO 110 Contemporary Social Problems.....	3
SOCO 125 Sociology of the Family.....	3
SOCO 201 Advanced Principles of Sociology ...	3
SOCO 220 Introduction to Research Methods in Sociology	3
GEND 101 Introduction to Gender Studies.....	3
MATH 119 Elementary Statistics or	
PSYC 258 Behavioral Science Statistics.....	3
PSYC 166 Introduction to Social Psychology.....	3

It is recommended that students select courses that meet lower division major preparation requirements for their transfer university.

Select one course from the following if not selected above:

	Units
ADJU 101 Introduction to Administration of Justice.....	3
ANTH 103 Introduction to Cultural Anthropology.....	3
BLAS 140A History of the U.S., Black Perspectives.....	3
BLAS 140B History of the U.S, Black Perspectives.....	3
CHIC 141A United States History from a Chicano Perspective	3
CHIC 141B United States History from a Chicano Perspective	3
ENGL 105 Composition and Literature.....	3
ENGL 205 Critical Thinking and Intermediate Composition.....	3
GEND 101 Introduction to Gender Studies.....	3
GEOG 102 Cultural Geography	3
HIST 109 History of the United States I.....	3
HIST 110 History of the United States II.....	3
HIST 115A History of the Americas I.....	3
HIST 115B History of the Americas II.....	3
HIST 123 U.S. History from the Asian Pacific American Perspective	3
MATH 119 Elementary Statistics or	
PSYC 258 Behavioral Science Statistics.....	3
PHIL 100 Logic and Critical Thinking.....	3
PHIL 205 Critical Thinking and Writing in Philosophy.....	3
POLI 102 The American Political System	3
PSYC 101 General Psychology	3
PSYC 166 Introduction to Social Psychology	3
SOCO 110 Contemporary Social Problems.....	3

Behavioral Sciences

SOCO 125 Sociology of the Family	3
SOCO 150 Sociology of Latinos/Latinas	3
SOCO 201 Advanced Principles of Sociology ...	3
SOCO 223 Globalization and Social Change	3
Total Units=	18

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Associate of Arts
Sustainability**

Courses Required for the Major:	Units
BIOL 101 Issues in Environmental Biology.....	4
PHIL 100 Logic and Critical Thinking.....	3
ANTH 103 Introduction to Cultural Anthropology.....	3
SUST 101 Introduction to Sustainability.....	3
SUST 102 Environmental Ethics.....	3
SUST 103 Ecological Commerce.....	3
PEAC 201 Environmental Sustainability, Justice and Ethics.....	3
SOCO 223 Globalization and Social Change.....	3
SUST 250 Field Experience In Sustainability.....	1 3
Total Units=	26 28

ACTION

Adoption of three program deactivations at Miramar College.

Proposed program deactivations at Miramar College:

**Certificate of Performance
Loan Closer**

Courses Required for the Major:	Units
BANK 102 Mortgage Brokerage and Banking	4
BANK 108 Principles of Loan Closing	4
Total Units=	8

**Certificate of Performance
Loan Processor**

Courses Required for the Major:	Units
BANK 102 Mortgage Brokerage and Banking	4
BANK 104 Principles of Loan Processing	5
Total Units=	9

**Certificate of Performance
Loan Underwriter**

Courses Required for the Major:	Units
BANK 102 Mortgage Brokerage and Banking	4
BANK 106 Loan Underwriting	5
Total Units=	9

ACTION

Adoption of two program revisions at Miramar College.

Proposed program revisions at Miramar College:

**Certificate of Achievement
Financial Services**

Courses Required for the Major:	Units
<u>BANK 100 Introduction to Financial Services</u>	3
BANK 102 Mortgage Brokerage and Banking	4
BANK 104 Principles of Loan Processing	5
BANK 106 Loan Underwriting	5
BANK 108 Principles of Loan Closing	4
BANK 103 Introduction to Investments	3
ACCT 116A Financial Accounting	4
BUSE 101 Business Mathematics	3
BUSE 120 Personal Financial Management.....	3

Total Units=18 20

**Associate of Science
Financial Services**

Courses Required for the Major:	Units
<u>BANK 100 Introduction to Financial Services</u>	3
BANK 102 Mortgage Brokerage and Banking	4
BANK 104 Principles of Loan Processing	5
BANK 106 Loan Underwriting	5
BANK 108 Principles of Loan Closing	4
REAL 101 Real Estate Principles	3
REAL 115 Real Estate Finance I	3
BUSE 119 Business Communications.....	3
BANK 103 Introduction to Investments	3
ACCT 116A Financial Accounting	4
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications.....	3
BUSE 120 Personal Financial Management.....	3

Select at least six units from the following:

	Units
<u>ACCT 120 Federal Income Tax</u>	3
<u>ACCT 121 California Income Tax</u>	1
<u>BUSE 150 Human Relations in Business</u>	3
<u>BUSE 155 Managing the Small Business</u>	3
<u>BUSE 201 Business Organization and Management</u>	3
<u>MARK 100 Principles of Marketing</u>	3
<u>REAL 101 Real Estate Principles</u>	3
<u>REAL 115 Real Estate Finance I</u>	3

Total Units=27 29

ACTION

Adoption of two program revisions at City College.

Proposed program revisions at City College:

**Certificate of Performance
Real Estate Salesperson**

Courses Required for the Major:	Units
REAL 101 Real Estate Principles	3
REAL 120 Real Estate Practice	3

Select three to four units from the following:

	Units
ACCT 102 Basic Accounting	3
ACCT 116A Financial Accounting	4
BUSE 140 Business Law and the Legal Environment.....	3
ESCR 101 Escrow Procedures – Beginning.....	3
REAL 105 Legal Aspects of Real Estate I	3
REAL 110 Principles of Real Estate Appraisal I.....	3
REAL 115 Real Estate Finance I.....	3
REAL 125 Real Estate Economics	3
REAL 130 Real Property Management	3
REAL 151 Real Estate Computer Applications	3
REAL 166 Common Interest Development.....	3

Total Units=9 – 10

**Associate of Science
Real Estate**

Core Curriculum

Courses Required for the Major:	Units
BUSE 119 Business Communications.....	3
ENGL 101 Reading and Composition	3
BUSE 140 Business Law and the Legal Environment.....	3
CISC 181 Principles of Information Systems	4
ECON 120 Principles of Macroeconomics.....	3
PHIL 102B Introduction to Philosophy: Values	3

Additional real estate courses required:

	Units
REAL 101 Real Estate Principles	3
REAL 105 Legal Aspects of Real Estate I.....	3
REAL 110 Principles of Real Estate Appraisal I.....	3
REAL 115 Real Estate Finance I.....	3
REAL 120 Real Estate Practice.....	3
REAL 125 Real Estate Economics	3

Six to seven units selected from the following:

	Units
ACCT 102 Basic Accounting	3
ACCT 116A Financial Accounting	4
ESCR 101 Escrow Procedures – Beginning.....	3
REAL 130 Real Property Management	3
REAL 151 Real Estate Computer Applications	3
REAL 166 Common Interest Development.....	3

Additional courses required:

	Units
BIOL 101 Issues in Environmental Biology.....	4
COMS 180 Intercultural Communication.....	3

Total Units=50 – 51

ACTION

Adoption of five program deactivations at City College.

Proposed program deactivations at City College:

**Associate of Science
Digital Media Production**

Courses Required for the Major:	Units
RTVF 100 Introduction to Radio and Television	
or	
JOUR 202 Introduction to Mass Communication	
or	
DJRN 100 Mass Media in the Digital Age	3
RTVF 107 Audio Production.....	3
RTVF 118 Television Studio Operations	3
RTVF 140 Radio and TV Newswriting.....	3
RTVF 160 Introduction to Cinema.....	3

Complete the following courses digital media production area of specialization:

	Units
DMPR 151 Introduction To Multimedia	3
DMPR 152 Sound Design And Digital Audio Post Production	3
DMPR 153 Introduction To Nonlinear Editing ..	3
DMPR 154 Game Design	3
DMPR 155 Advanced Nonlinear Editing	3
DMPR 156 Video Special Effects	3
DMPR 157 Advanced Multimedia Production...	3

Total Units=36

**Associate of Science
Media, Management & Marketing**

Courses Required for the Major:	Units
RTVF 100 Introduction To Radio and Television or	
JOUR 202 Introduction to Mass Communication or	
DJRN 100 Mass Media in the Digital Age	3
RTVF 107 Audio Production.....	3
RTVF 118 Television Studio Operations	3
RTVF 140 Radio and TV Newswriting.....	3
RTVF 160 Introduction to Cinema.....	3

Complete the following courses for emphasis in Media, Management & Marketing:

	Units
RTVF 115 Radio and Television Management Principles.....	3
RTVF 130 Radio Programming.....	3
RTVF 132 Radio Remote Concert Production	2
RTVF 174 The Business of Media	3
RTVF 175 Radio and Television Sales.....	3
RTVF 176 Media Advertising Copy	1
BUSE 140 Business Law and the Legal Environment.....	3

Total Units=33

Certificate of Performance News Editing and Production

Program Prerequisites:	Units
ENGL 101 Reading and Composition or	
ENGL 105 Composition and Literature.....	3
JOUR 200 Introduction to Newswriting and Reporting.....	3
Courses Required for the Major:	Units
JOUR 205 Editing for Print Journalism or	
JOUR 210A Newspaper Production 1 and	
JOUR 210B Newspaper Production 2	3
or	
JOUR 210C Newspaper Production 3 or	
JOUR 210D Newspaper Production 4	3
Total Units=6	

Certificate of Performance Online Journalism

Program Prerequisites:	Units
ENGL 101 [†] Reading and Composition or	
ENGL 105 Composition and Literature.....	3
JOUR 202 Introduction to Mass Communication.....	3
DMPR 151 Introduction to Multimedia.....	3
<i>† or assessment skill level of R6/W6</i>	
Courses Required for the Major:	Units
JOUR 206 Online Journalism.....	3
JOUR 210A Newspaper Production 1 or	
JOUR 210B Newspaper Production 2 or	
JOUR 210C Newspaper Production 3 or	
JOUR 210D Newspaper Production 4	3
Total Units=6	

Certificate of Performance News Writing

Program Prerequisites:	Units
ENGL 101 [†] Reading and Composition or	
ENGL 105 Composition and Literature.....	3
JOUR 202 Introduction to Mass Communication.....	3
<i>† or assessment skill level of R6/W6</i>	
Courses Required for the Major:	Units
JOUR 200 Introduction to Newswriting and Reporting.....	3
JOUR 210A Newspaper Production 1 or	
JOUR 210B Newspaper Production 2 or	
JOUR 210C Newspaper Production 3 or	
JOUR 210D Newspaper Production 4	3
Total Units=6	

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate of Science
Radio**

Courses Required for the Major:	Units
RTVF 100 Introduction to Radio and Television or	
DJRN 100 Mass Media in the Digital Age	3
JOUR 202 Introduction to Mass Communication	3
<u>RTVF 105 Media Performance or</u>	
<u>RTVF 106 Acting for Radio/Voice-Over</u>	<u>3</u>
RTVF 107 Audio Production.....	3
RTVF 118 Television Studio Operations	3
<u>RTVF 130 Radio Programming</u>	<u>3</u>
or	
RTVF 132 Radio Remote Concert Production	2
RTVF 131 Advanced Radio Performance	4
RTVF 141 Radio News Production.....	4
RTVF 140 Radio and TV Newswriting.....	3
RTVF 160 Introduction to Cinema.....	3

Complete the following courses for emphasis in radio:	Units
RTVF 105 Media Performance	3
RTVF 106 Acting for Radio/Voice Over	3
RTVF 115 Radio and Television Management Principles	3
RTVF 130 Radio Programming.....	3
RTVF 131 Advanced Radio Performance	4
RTVF 132 Radio Remote Concert Production ...	2
RTVF 141 Radio News Production.....	4
RTVF 242A Radio Broadcast Concert Production Workshop— Sound Mixing	1
RTVF 242B Radio Broadcast Concert Production Workshop— Producing.....	1
RTVF 247A Radio Broadcasting Workshop— Production or	
RTVF 247B Radio Broadcasting Workshop— News or	
RTVF 247C Radio Broadcasting Workshop— Music or	
RTVF 247D Radio Broadcasting Workshop— Programming.....	1
Total Units=40 <u>25 - 26</u>	

Computer Business Technology

ACTION

Adoption of three program deactivations at City College.

Proposed program deactivations at City College:

**Associate of Science
Administrative Assistant**

The Computer Business Technology Department requires students to complete all CBTE requirements for the degree within five years.

Courses Required for the Major:	Units
CBTE 094 Introduction to Computer Keyboarding or	
CBTE 095 Keyboarding Skill Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 120 Beginning Microsoft Word.....	2
CBTE 122 Intermediate Microsoft Word	3
CBTE 127 Introduction to PowerPoint.....	2
CBTE 140 Microsoft Excel	2
CBTE 143 Intermediate Microsoft Excel	3
CBTE 152 Beginning Microsoft Access	2
CBTE 162 Web Page Creation	2
CBTE 164 Introduction to Microsoft Outlook....	1
CBTE 205 Records Management or	
CBTE 206 Electronic Records Management.....	3
CBTE 210 Computers in Business or	
CBTE 211 Office Administration.....	3
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications	3

Total Units=31

**Associate of Science
Administrative Office Management**

The Computer Business Technology Department requires students to complete all CBTE requirements for the degree within five years.

Courses Required for the Major:	Units
CBTE 094 Introduction to Computer Keyboarding or	
CBTE 095 Keyboarding Skill Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 164 Introduction to Microsoft Outlook....	1
CBTE 180 Microsoft Office.....	3
CBTE 205 Records Management or	
CBTE 206 Electronic Records Management.....	3
CBTE 210 Computers in Business or	
CBTE 211 Office Administration.....	3
ACCT 150 Computer Accounting Applications	3
BUSE 101 Business Mathematics	3
BUSE 119 Business Communications.....	3
BUSE 150 Human Relations in Business	3
BUSE 155 Managing the Small Business.....	3

Total Units=27

Certificate of Performance
Soft Skills Basics

Courses Required for the Major:	Units
CBTE 094 Introduction to Computer Keyboarding or	
CBTE 095 Keyboarding Skill Development	1
CBTE 114 Introduction to Microsoft Windows	1
CBTE 164 Introduction to Microsoft Outlook....	1
CBTE 205 Records Management	3
CBTE 210 Computers in Business or	
CBTE 211 Office Administration.....	3
BUSE 119 Business Communications.....	3

Total Units=12

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Certificate of Achievement
Business Information Worker II**

*The Computer Business Technology Department
requires students to complete all CBTE
requirements for the certificate within five years.*

Courses Required for the Major: Units

<u>ACCT 150 Computer Accounting</u>	
<u>Applications</u>	<u>3</u>
CBTE 127 Introduction to PowerPoint.....	2
CBTE 143 Intermediate Microsoft Excel	3
<u>CBTE 152 Beginning Microsoft Access or</u>	
CBTE 155 SharePoint Using Office 365	2
CBTE 205 Records Management or	
CBTE 206 Electronic Records Management.....	3
BUSE 102 Introduction to Customer Service.....	3

Total Units= ~~13~~ 16

ACTION

Adoption of a program revision at Miramar College.

Proposed program revision at Miramar College:

**Certificate of Achievement
San Diego Transit General
Mechanic Apprenticeship**

Courses Required for the Major:	Units
DIES 100 Introduction to Diesel Technology	2
DIES 124 Diesel Engines D	7
<u>DIES 101 Heavy Duty Truck, Advanced Transportation, Equipment Preventive Maintenance and Inspections</u>	<u>2</u>
<u>DIES 102 Heavy Duty Truck and Heavy Equipment Heating and Air Conditioning</u>	<u>2</u>
<u>DIES 105 Measuring Tools and Applied Mathematics</u>	<u>2</u>
<u>DIES 131 Alternative-Fueled Engine Overhaul.....</u>	<u>4</u>
DIES 135 Applied Failure Analysis	3
DIES 137 Diesel Fuel Injection Systems.....	2
DIES 138 Electrical Systems.....	3
DIES 144 Electronics for Diesel Technology.....	3
DIES 155 Air Brake Systems	3
DIES 170 Truck Drive Axles and Specifications.....	3
AIRE 100 Basic Refrigeration & AC Theory	4
AIRE 103 Basic Refrigeration & AC Lab	2
AIRE 124 Power & Control Systems Theory.....	3
AIRE 125 Power & Control Systems Lab	2

Total Units=~~37~~ 24

Geographic Information Systems

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

Associate of Science Geographic Information Systems

Courses Required for the Major:	Units
GISG 110 Introduction to Mapping and Geographic Information Systems.....	3
GISG 111 Geographic Information Systems and Cartography.....	3
GISG 112 Spatial Analysis with Geographic Information Systems	3
GISG 113 Advanced Geographic Information Systems Applications.....	3
GISG 114 Spatial Databases in Geographic Information Systems	3
GISG 130 Introduction to Remote Sensing	3
GISG 131 Introduction to Digital Image Processing	3
GISG 270 Geographic Information Systems Work Experience.....	1- 4

Select four units in a programming

language:	Units
CISC 186 Visual Basic Programming	4
CISC 190 Java Programming	4
CISC 192 C/C++ Programming	4
<u>WEBD 162 Beginning Web Development: HyperText Markup Language (HTML) and Cascading Style Sheets (CSS).....</u>	<u>2</u>
<u>WEBD 170 Javascript Fundamentals for Web Development.....</u>	<u>2</u>

Select five units from:

Units	
ANTH 103 Introduction to Cultural Anthropology	3
ANTH 107 Introduction to Archaeology.....	3
ANTH 115 Introduction to Archaeological Field Work	4
ARCH 100 Graphic Design Communication I ...	2
ARCH 101 Introduction to ArchiCAD.....	3
<u>ARCH 112 AutoCAD.....</u>	<u>3</u>

ARCH 105 Introduction to AutoCAD.....	2
ARCH 106 Advanced Computer Aided Drafting I.....	3
ARCH 155 Environmental Design I: Creating Exterior Spaces	5
ARCH 170 Architectural Design.....	4
<u>ARCH 251 Site Design, Topography and Grading</u>	<u>3</u>
ARCH 190 Environmental Design II: Urban and Community Design.....	5
ARCH 250 Site Design, Topography and Grading	4
BIOL 100 Natural History – Environmental Biology.....	4
CISC 186 Visual Basic Programming	4
CISC 190 Java Programming	4
CISC 192 C/C++ Programming	4
CBTE 140 Microsoft Excel	2
CBTE 140A Introduction to Microsoft Excel.....	1
CBTE 151 Microsoft Access: Basic	1
CBTE 161 Learning the Internet	1
CBTE 162 Web Page Creation.....	2
CBTE 170 Desktop Publishing.....	2
GEOG 101 Physical Geography	3
GEOG 102 Cultural Geography	3
GEOG 104 World Regional Geography	3
GEOG 154 Introduction to Urban Geography....	3
GEOL 100 Physical Geology	3
MARK 100 Principles of Marketing	3
MARK 110 Principles of Retailing	3
MARK 130 Advertising Principles.....	3
PHYN 100 Survey of Physical Science	3
POLI 101 Introduction to Political Science.....	3
POLI 102 The American Political System	3
POLI 103 Comparative Politics.....	3
REAL 101 Real Estate Principles.....	3
REAL 105 Legal Aspects of Real Estate I	3

Geographic Information Systems

REAL 125 Real Estate Economics3
WEBD 153 Beginning Web Databases3
WEBD 162 Beginning Web Development:
HyperText Markup Language (HTML) and
Cascading Style Sheets (CSS).....2
WEBD 170 Javascript Fundamentals for Web
Development2

Total Units=31 – 34

ACTION

Adoption of two program revisions at Mesa College.

Proposed program revisions at Mesa College:

**Associate of Science
Interior Design**

The Interior Design Program recommends the following courses be taken in the given sequence for optimal student success:

Courses Required for the Major:	Units
INTE 101 Introduction to Interior Design	3
INTE 115 Elements and Principles of Interior Design	3
INTE 112A Visual Communication I.....	3
INTE 112B Visual Communication II.....	3
ARTF 152 Color Theory	3
INTE 145 Interior Building Systems and Codes	3
INTE 120 Revit for Interiors or <u>INTE 135 AutoCAD for Interiors.....</u>	3
INTE 105 Residential Design	3
INTE 210 Presentation and Color Rendering	3
INTE 110 Materials and Resources	3
INTE 125 History of Furniture and Interiors.....	3
INTE 205 Non-Residential Space Planning	3
INTE 200 Kitchen and Bath Design.....	3
INTE 215 Environmental Lighting Design.....	3
INTE 130 Interior Design Professional Practice.....	3

Select 15 units from the following list: Units

INTE 270 ¹ Work Experience	1 - 4
<u>INTE 120 ² Revit for Interiors</u>	<u>3</u>
<u>INTE 135 ² AutoCAD for Interiors</u>	<u>3</u>
BLDC 055 Construction Plan Reading	3
BLDC 070 Building Codes and Zoning	3
BUSE 155 Managing the Small Business.....	3
BUSE 140 Business Law and the Legal Environment.....	3
COMS 103 Oral Communication	3
ARCH 105 Introduction to AutoCAD	2
ARCH 101 Introduction to ArchiCAD.....	3
ARCH 230 Sustainability in the Built Environment.....	5
FASH 168 Textiles	3
MARK 100 Principles of Marketing	3
MULT 101 Introduction to Multimedia.....	4

¹Three to four units of INTE 270 (Work Experience) is recommended for all students. It is mandatory for students to complete INTE 270 with a qualified kitchen or bath designer to receive National Kitchen and Bath Association (NKBA) recognition.

²Unless previously taken as major course.

Total Units=60

Certificate of Achievement Interior Design

The Interior Design Program recommends the following courses be taken in the given sequence for optimal student success:

Courses Required for the Major:	Units
INTE 101 Introduction to Interior Design	3
INTE 115 Elements and Principles of Interior Design	3
INTE 112A Visual Communication I.....	3
INTE 112B Visual Communication II.....	3
ARTF 152 Color Theory	3
INTE 145 Interior Building Systems and Codes	3
INTE 120 Revit for Interiors or	
<u>INTE 135 AutoCAD for Interiors.....</u>	<u>3</u>
INTE 105 Residential Design	3
INTE 210 Presentation and Color Rendering	3
INTE 110 Materials and Resources	3
INTE 125 History of Furniture and Interiors	3
INTE 205 Non-Residential Space Planning	3
INTE 200 Kitchen and Bath Design	3
INTE 215 Environmental Lighting Design.....	3
INTE 130 Interior Design Professional Practice.....	3

Choose one course from the following list:

	Units
INTE 270 ¹ Work Experience	1 - 4
<u>INTE 120 ² Revit for Interiors</u>	<u>3</u>
<u>INTE 135 ² AutoCAD for Interiors</u>	<u>3</u>
BLDC 055 Construction Plan Reading.....	3
BLDC 070 Building Codes and Zoning	3
BUSE 140 Business Law and the Legal Environment.....	3
BUSE 155 Managing the Small Business.....	3
COMS 103 Oral Communication	3
ARCH 105 Introduction to AutoCAD	2
ARCH 101 Introduction to ArchiCAD.....	3
ARCH 230 Sustainability in the Built Environment.....	5
FASH 168 Textiles	3
MARK 100 Principles of Marketing	3
MULT 101 Introduction to Multimedia.....	4

¹Three to four units of INTE 270 (Work Experience) is recommended for all students. It is mandatory for students to complete INTE 270 with a qualified kitchen or bath designer to receive National Kitchen and Bath Association (NKBA) recognition.

²Unless taken as a major course.

Total Units=46 – 50

ACTION

Adoption of a program deactivation at City College.

Proposed program deactivation at City College:

**Certificate of Performance
Labor Law**

Courses Required for the Major:	Units
LABR 102 Labor Law.....	3
LABR 124 California Labor Law.....	1
LABR 127 Labor Law for the Public Sector.....	1

Total Units=5

ACTION

Adoption of two program revisions at City College.

Proposed program revisions at City College:

**Certificate of Achievement
Labor Studies**

Courses Required for the Major:	Units
LABR 100 American Labor Movement	3
LABR 102 Labor Law	3
LABR 104 Collective Bargaining.....	3
LABR 106A Grievance Handling.....	3
 Select a minimum of six units from:	Units
LABR 106B Arbitration Procedure	3
or	
LABR 108 Labor and Politics	3
or	
LABR 110 Administrative Practices	3
or	
LABR 112 California Workers Compensation...3	
LABR 122A Shop Steward, Level I.....	1
LABR 122B Shop Steward, Level II.....	1
LABR 123A Occupational Safety and Health.....	1.5
LABR 124 California Labor Law.....	1
LABR 127 Labor Law for the Public Sector	1

Total Units ~~18~~ 18 - 18.5

**Associate of Science
Labor Studies**

Courses Required for the Major:	Units
LABR 100 American Labor Movement	3
LABR 102 Labor Law	3
LABR 104 Collective Bargaining.....	3
LABR 106A Grievance Handling.....	3
LABR 108 Labor and Politics	3
LABR 110 Administrative Practices	3
 Select a minimum of six units from:	Units
LABR 106B Arbitration Procedure	3
LABR 112 California Workers Compensation...3	
LABR 122A Shop Steward, Level I.....	1
LABR 122B Shop Steward, Level II.....	1
LABR 123A Occupational Safety and Health.....	1.5
LABR 124 California Labor Law.....	1
LABR 127 Labor Law for the Public Sector.....	1
Total Units=24 24 - 24.5	

ACTION

Adoption of a program revision at City College.

Proposed program revision at City College:

**Associate of Arts
Liberal Arts and Sciences in
Scientific Studies Mathematics and
Pre-Engineering**

*Students should complete a minimum of 18 units
in Mathematics and Pre-Engineering courses*

*Complete a minimum of 08 units from the
courses listed below:*

Courses Required for the Major:	Units
BIOL 200 Biological Statistics or	
MATH 119 Elementary Statistics or	
PSYC 258 Behavioral Science Statistics.....	3
CBTE 114 Introduction to Microsoft Windows	1
CBTE 162 Web Page Creation.....	2
CBTE 164 Introduction to Microsoft Outlook....	1
CBTE 180 Microsoft Office	3
CBTE 210 Computers in Business	3
CHEM 200 General Chemistry I - Lecture.....	3
CHEM 200L General Chemistry I – Laboratory.....	2
CHEM 201 General Chemistry II – Lecture.....	3
CISC 150 Introduction to Computer and Information Sciences	3
CISC 181 Principles of Information Systems	4
CISC 186 Visual Basic Programming	4
CISC 187 Data Structures in C++	4
CISC 190 Java Programming	4
CISC 192 C/C++ Programming	4
CISC 205 Object Oriented Programming using C++	4
CISC 220 Fundamentals of Computer Game Programming.....	4
ELCT 111 Electrical Theory I	3
ELCT 111L Electrical Laboratory I.....	2
ELCT 121 Electrical Theory II.....	3
ELCT 121L Electrical Laboratory II	2
<u>ELDT 123 Introduction to Digital Circuits.....</u>	<u>3</u>
<u>ELDT 123L Digital Circuits Laboratory</u>	<u>1</u>
ELDT 124 Basic DC Electronics.....	4
ELDT 124L Basic DC Laboratory.....	1
ELDT 125 AC Circuit Analysis	4
ELDT 125L DC/AC Circuit Analysis Laboratory with Pspice	1
ELDT 230 Advanced Computer Designs	3
ENGE 101 Introduction to Engineering	1.5
ELDT 230L Advanced Computer Designs Laboratory	1
ENGE 116 Computational Methods in Engineering.....	3
ENGE 151 Engineering Drawing	2
ENGE 152 Engineering Design.....	3
ENGE 200 Statics	3
ENGE 240 Digital Systems	3
ENGE 210 Properties of Materials.....	3
ENGE 250 Dynamics	3
ENGE 260 Electric Circuits.....	3
ENGN 110 Science for Technical Applications.....	4
INWT 120 Network + Training.....	4
MATH 104 Trigonometry	3
MATH 107 Introduction to Scientific Programming.....	3
MATH 107L Introduction to Scientific Programming Lab	1
MATH 115 Gateway to Experimental Statistics	4
MATH 116 College and Matrix Algebra.....	3

Liberal Arts and Sciences

MATH 118 Math for the Liberal Arts Student ...3
MATH 121 Basic Techniques of Applied
 Calculus I3
MATH 122 Basic Techniques of
 Calculus II3
MATH 141 Precalculus5
MATH 150 Calculus with Analytic Geometry
 I5
MATH 151 Calculus with Analytic
 Geometry II4
MATH 245 Discrete Mathematics.....3
MATH 252 Calculus with Analytic
 Geometry III.....4
MATH 254 Introduction to Linear Algebra3
MATH 255 Differential Equations3
MFET 101 Introduction to Manufacturing
 Engineering Technology3
~~MFET 101A Introduction to Manufacturing I.....1~~
MFET 110 Industrial Safety2
MFET 120 Manufacturing Processes4
MFET 210 Statistical Process Control.....3
PHYS 180A General Physics I4
PHYS 181A General Physics Laboratory I1
PHYS 195 Mechanics.....5
PHYS 196 Electricity and Magnetism.....5
PHYS 197 Waves, Optics and Modern
 Physics5
TEHW 101 Introduction to Technical
 Writing **or**
COMS 103 Oral Communication3

Total Units=18

ACTION

Adoption of a program revision at Mesa College.

Proposed program revision at Mesa College:

**Associate of Arts
Liberal Arts and Sciences:
Business Studies**

Core courses:

Courses Required for the Major: Units

ACCT 116A Financial Accounting	4
ACCT 116B Managerial Accounting	4
ECON 120 Principles of Macroeconomics	3
ECON 121 Principles of Microeconomics	3

Select a minimum of 4 units: Units

BUSE 101 Business Mathematics	3
<u>BUSE 115 Statistics for Business.....</u>	<u>3</u>
BUSE 119 Business Communications.....	3
BUSE 120 Personal Financial Management.....	3
BUSE 140 Business Law and the Legal Environment.....	3
BUSE 190 Academic and Career Opportunities in Business	1
CHIC 141A United States History from a Chicano Perspective	3
CHIC 141B United States History from a Chicano Perspective	3
CISC 181 Principles of Information Systems.....	4
HIST 100 World History I.....	3
HIST 101 World History II.....	3
HIST 105 Introduction to Western Civilization I	3
HIST 109 History of the United States I.....	3
HIST 110 History of the United States II	3
HIST 115A History of the Americas I.....	3
HIST 115B History of the Americas II.....	3
HIST 120 Introduction to Asian Civilizations	3
HIST 121 Asian Civilizations in Modern Times	3
HOSP 101 Introduction to Hospitality & Tourism.....	3
MATH 116 College and Matrix Algebra.....	3

MATH 119 Elementary Statistics.....	3
MATH 121 Basic Techniques of Applied Calculus I	3
MATH 122 Basic Techniques of Calculus II	3
MATH 150 Calculus with Analytic Geometry I	5
POLI 102 The American Political System	3
PSYC 101 General Psychology	3
PSYC 258 Behavioral Science Statistics	3
SOCO 101 Principles of Sociology	3

*or any Foreign Language course, including
AMSL.*

Total Units=18